



TASBIR TEXTILE
INDUSTRIES LIMITED

Geotextiles for land, water & infrastructure.



MANUFACTURING



PRODUCT STOCK

NON-WOVEN GEOTEXTILE MANUFACTURER & SUPPLIER

Company prospectus | Chattogram, Bangladesh



Manufacturing in Chattogram. Supplying to specification.

Established in 2021, Tasbir Textile Industries Limited manufactures and supplies non-woven geotextile products from Patenga, Chattogram. The product range supports civil, hydraulic and environmental applications.

2021

Established
PP and polyester staple fibres



Factory machinery pictured in the supplied company reference

VISION

Recognition through product quality and customer satisfaction.

MISSION

Products and professional service matched to customer specifications.

Leadership

Afrin Khanam

Chairman

Md. Tanvir Hossain

Managing Director



Geo Tubes for containment & erosion control.

Non-woven polypropylene and polyester staple-fibre formats.



RIVERBANK PROTECTION



PP Geo Tube

Polypropylene non-woven geo tubes for soil containment and erosion-control applications.

PSF Geo Tube

Polyester staple-fibre geo tubes for hydraulic, embankment and civil-protection works.

CUSTOM SIZING

Specify material, GSM, tube dimensions, quantity and any required seam or performance tests.



Geo Bags for containment & erosion control.

Non-woven polypropylene and polyester staple-fibre formats.



PP Geo Bags

Polypropylene non-woven geo bags for soil containment and erosion-control applications.

Material: polypropylene (PP)



PSF Geo Bags

Polyester staple-fibre geo bags for hydraulic, embankment and civil-protection works.

Material: polyester staple fibre (PSF)

CUSTOM SIZING

Specify material, GSM, bag dimensions, quantity and any required seam or performance tests.



Geo sheets, tubes and containers.

UV-stabilized, needle-punched non-woven formats.



200-1200

GSM

Manufacturing range

GSM = grams per square metre

Geo sheets

Roll and sheet formats for separation, filtration, drainage and cushioning. Size and colour are agreed to customer requirements.

COLOUR OPTIONS



Green



Red



White



Black



Aysh/Grey



FORMAT ILLUSTRATION

Geo tubes

Large-format containment for dewatering, shoreline and marine applications.



FORMAT ILLUSTRATION

Geo containers

Containment formats manufactured in customized project sizes.

Illustrations show product formats only. Dimensions and construction are confirmed against the project specification.



Automatic needle punching. Prepared product stock.

Factory equipment and supply photographs supplied by the company.



REPORTED CAPACITY

50,000

m² of geotextile sheet / day

25,000

geo bags / day

23,793

sq ft production area

Capacity depends on product GSM and size. Production figures and area are from the supplied reference; confirm current availability with the company.



Measured properties. Specified performance.

Testing capabilities described in the supplied company reference.



Thickness

Check thickness against the selected grade.

1 m²

Fabric weight

Check mass per unit area against the requested GSM.



Tensile strength

Review measured strength alongside the project requirements.

Laboratory

The reference lists in-house testing equipment sourced from Japan and South Korea, with capabilities covering thickness, fabric weight and tensile strength.

BUET test documentation

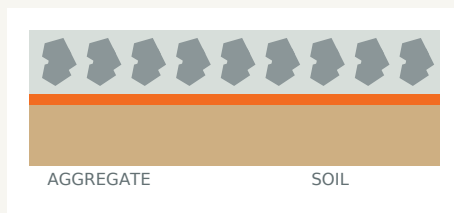
BUET product test reports are listed in the company reference. Request the applicable report for your selected grade, material and required test method.

GSM is one property. The approved project specification determines the full performance requirements.



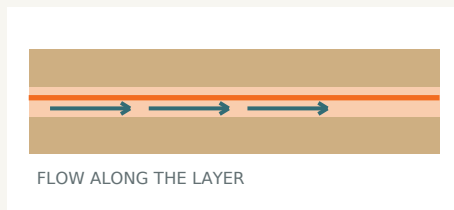
How geotextiles work.

Orange shows the geotextile layer. Schematics are not to scale.



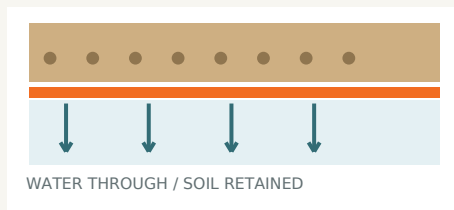
01 Separation

Keeps different soil or aggregate layers from mixing.



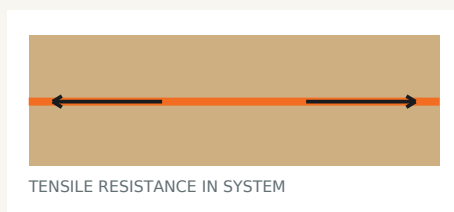
02 Drainage

Allows water to move along the plane of a suitable geotextile toward an outlet.



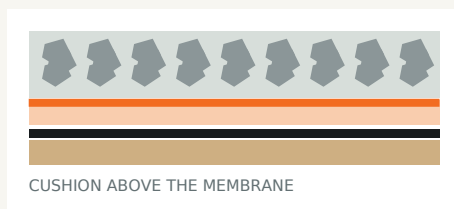
03 Filtration

Lets water pass through while retaining soil particles, subject to soil and flow compatibility.



04 Reinforcement

Can contribute tensile resistance in a designed soil system; suitability depends on strength and strain.



05 Protection

Cushions a geomembrane or other material to help reduce damage during installation and use.

Non-woven geotextiles are permeable. A water barrier requires a separately specified geomembrane or other barrier system.



Civil, hydraulic and environmental works.

Typical applications illustrated in the company reference.



Riverbank & coastal protection



Roads & ground works

Containment and filter layers.

Soil and aggregate separation.



Railway infrastructure

Separation and drainage layers.



Earthworks & embankments

Specified layers in civil works.

Photos are reproduced from the reference as application illustrations. Project names, dates and client approvals were not supplied.



From your specification to project supply.

Share the application, material, dimensions and quantity. Product format and production details are aligned with the approved requisition.



- 1 Specify**
Material, GSM, format, dimensions and quantity.
- 2 Confirm**
Technical requirements and applicable test reports.
- 3 Prepare**
Packing, delivery location and supply schedule.

Sister concerns

Listed on the company website.



Seashore Recycling BD Ltd.

Recycling-focused operations.



Ayza Corporation

Diversified business concern.



TASBIR TEXTILE
INDUSTRIES LIMITED

Your project. Your specification.

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PROFILE REFERENCES

Company information, production figures and laboratory statements: supplied 12-page prospectus. Photos: prospectus and supplied company images. GSM and sheet colours: company update. Other products, contacts and sister concerns: tasbirtextile.com. Social pages: public Facebook and Instagram profile information, accessed 7 October 2026. Logo and WhatsApp contact link supplied for this revision.

General technical guidance: FHWA, Geotechnical Aspects of Pavements, Chapter 7; Layfield, Nonwoven Geotextiles. Diagrams are schematics and are not product drawings or evidence of certification.

FHWA technical guidance

Layfield technical guidance